

Thesis title	Study on the Status of Electricity Energy Consumption in Faculty of Science and Technology Building, Suan Sunandha Rajabhat University	
Candidate	Mr.Anusit Boonmee	ID 53122226001
	Miss Narumon Laiprasertporn	ID 53122226007
Program	Bachelor of Science	
Department	Applied Physics	
Academic Year	2013	
Research Study Advisor	Dr.Sansanee Sansiribhan	
	Dr.Orrawan Rewthong	

ABSTRACT

The objective of this research was to study the status of electric energy consumption within faculty of science and technology building, Suan Sunandha Rajabhat University, Bangkok, Thailand in terms of the electrical energy consumption specific energy consumption (SEC) and energy utilization index (EUI). It was found that the electric energy consumption in 2012 for the faculty of science and technology building was 77,818 kWh. The SEC was 27.91 MJ/m^2 . The EUI was 10.77, indicating that the electric energy consumption had passed the standard criteria. The obtained SEC and EUI are useful for energy management of educational building in the future. Therefore, there are two phases for the energy conservation measures, i.e., short-term and long-term measures.